

## SEQUENCE LISTING

<110> Marshall, Christopher
Hoffman, Alexander
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<120> STABILIZED PROTEINS

<130> 9725-005-999

<140> 09/837,235

<141> 2001-04-18

<150> PCT/US00/28595

<151> 2000-10-16

<150> 60/159,763

<151> 1999-10-15

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Asp Ser Asn Trp Ile Pro Leu Ser Thr Gln Leu Gly Tyr Thr Pro Cys 50 55 60

Trp Ile Ser Pro Pro Pro Phe Met Leu Asn Asp Thr Gln Val Asn Thr 65 70 75 80

Glu Tyr Met Val Asn Aia Ile Thr Ala Leu Tyr Ala Gly Ser Gly Asn 90 Asn Lys Leu Pro Val Leu Thr Trp Ser Gln Gly Gly Leu Val Ala Gln 105 Trp Gly Leu Thr Phe Phe Pro Ser Ile Arg Ser Lys Val Asp Arg Leu 120 Met Ala Phe Ala Pro Asp Tyr Lys Gly Thr Val Leu Ala Gly Pro Leu Asp Ala Leu Ala Val Ser Ala Pro Ser Val Trp Gln Gln Thr Thr Gly 150 155 Ser Ala Leu Thr Thr Ala Leu Arg Asn Ala Gly Gly Leu Thr Gln Ile Val Pro Thr Thr Asn Leu Tyr Ser Ala Thr Asp Glu Ile Val Gln Pro Gln Val Ser Asn Ser Pro Leu Asp Ser Ser Tyr Leu Phe Asn Gly Lys 200 Asn Val Gln Ala Gln Ala Val Cys Gly Pro Leu Phe Val Ile Asp His Ala Gly Ser Leu Thr Ser Gln Phe Ser Tyr Val Val Gly Arg Ser Ala Leu Arg Ser Thr Thr Gly Gln Ala Arg Ser Ala Asp Tyr Gly Ile Thr 245 250 255 Asp Cys Asn Pro Leu Pro Ala Asn Asp Leu Thr Pro Glu Gln Lys Val Ala Ala Ala Leu Leu Ala Pro Ala Ala Ala Ile Val Ala Gly

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Val Asn Ala Ala Ala Thr Leu Asp Glu Lys Ala Val Lys Glu Leu 50 55 60

Lys Lys Asp Pro Ser Val Ala Tyr Val Glu Glu Asp His Ile Ala His 65 70 75 80

Glu Tyr Ala Gln Ser Val Pro Tyr Gly Ile Ser Gln Ile Lys Ala Pro 85 90 95

Ala Leu His Ser Gln Gly Tyr Thr Gly Ser Asn Val Lys Val Ala Val 100 105 110

Ile Asp Ser Gly Ile Asp Ser Ser His Pro Asp Leu Asn Val Arg Gly
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Gly Ala Ser Phe Val Pro Ser Glu Thr Asn Pro Tyr Gln Asp Gly Ser 130 135 140

Ser His Gly Thr His Val Ala Gly Thr Ile Ala Ala Leu Asn Asn Ser 145 150 155 160

Ile Gly Val Leu Gly Val Ser Pro Ser Ala Ser Leu Tyr Ala Val Lys

165 170 175

Val Leu Asp Ser Thr Gly Ser Gly Gln Tyr Ser Trp Ile Ile Asn Gly
180 185 190

Ile Glu Trp Ala Ile Ser Asn Asn Met Asp Val Ile Asn Met Ser Leu
195 200 205

Gly Gly Pro Thr Gly Ser Thr Ala Leu Lys Thr Val Val Asp Lys Ala 210 215 220

Val Ser Ser Gly Ile Val Val Ala Ala Ala Ala Gly Asn Glu Gly Ser 225 230 235 240

Ser Gly Ser Thr Ser Thr Val Gly Tyr Pro Ala Lys Tyr Pro Ser Thr 245 250 255

Ile Ala Val Gly Ala Val Asn Ser Ser Asn Gln Arg Ala Ser Phe Ser 260 265 270

Ser Ala Gly Ser Glu Leu Asp Val Met Ala Pro Gly Val Ser Ile Gln 275 280 285

Ser Thr Leu Pro Gly Gly Thr Tyr Gly Ala Tyr Asn Gly Thr Ser Met 290 295 300

Ala Thr Pro His Val Ala Gly Ala Ala Leu Ile Leu Ser Lys His 305 310 315 320

Pro Thr Trp Thr Asn Ala Gln Val Arg Asp Arg Leu Glu Ser Thr Ala 325 330 335

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Phe Val Pro Gly Glu Pro Ser Thr Gln Asp Gly Asn Gly His Gly Thr 50 . 55 60

His Val Ala Gly Thr Ile Ala Ala Leu Asn Asn Ser Ile Gly Val Leu 65 70 75 80

Gly Val Ala Pro Asn Ala Glu Leu Tyr Ala Val Lys Val Leu Gly Ala 85 90 95

Ser Gly Ser Gly Ser Val Ser Ser Ile Ala Gln Gly Leu Glu Trp Ala 100 105 110

Gly Asn Asn Gly Met His Val Ala Asn Leu Ser Leu Gly Ser Pro Ser 115 120 125

Pro Ser Ala Thr Leu Glu Gln Ala Val Asn Ser Ala Thr Ser Arg Gly
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Val Leu Val Val Ala Ala Ser Gly Asn Ser Gly Ala Gly Ser Ile Ser 145 150 155 160

Tyr Pro Ala Arg Tyr Ala Asn Ala Met Ala Val Gly Ala Thr Asp Gln
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Asn Asn Arg Ala Ser Phe Ser Gln Tyr Gly Ala Gly Leu Asp Ile 180 185 190

Val Ala Pro Gly Val Asn Val Gln Ser Thr Tyr Pro Gly Ser Thr Tyr 195 200 205

Ala Ser Leu Asn Gly Thr Ser Met Ala Thr Pro His Val Ala Gly Ala 210 215 220

Ala Ala Leu Val Lys Gln Lys Asn Pro Ser Trp Ser Asn Val Gln Ile 225 230 235 240

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Ser Phe Val Pro Ser Glu Thr Asn Pro Tyr Gln Asp Gly Ser Ser His 50 55 60

Gly Thr His Val Ala Gly Thr Ile Ala Ala Leu Asn Asn Ser Ile Gly 65 70 75 80

Val Leu Gly Val Ser Pro Ser Ala Ser Leu Tyr Ala Val Lys Val Leu 85 90 95

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Ser Gly Ile Val Val Ala Ala Ala Gly Asn Glu Gly Ser Ser Gly 145 150 155 160

Ser Thr Ser Thr Val Gly Tyr Pro Ala Lys Tyr Pro Ser Thr Ile Ala 165 170 175

Val Gly Ala Val Asn Ser Ser Asn Gln Arg Ala Ser Phe Ser Ser Ala 180 185 190

Gly Ser Glu Leu Asp Val Met Ala Pro Gly Val Ser Ile Gln Ser Thr 195 200 205

Leu Pro Gly Gly Thr Tyr Gly Ala Tyr Asn Gly Thr Cys Met Ala Thr 210 215 220

Pro His Val Ala Gly Ala Ala Ala Leu Ile Leu Ser Lys His Pro Thr 225 230 235 240

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Ser Phe Val Pro Ser Glu Thr Asn Pro Phe Gln Asp Asn Asn Ser His 50 55 60

Gly Thr His Val Ala Gly Thr Val Leu Ala Val Ala Pro Ser Ala Ser
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Leu Tyr Ala Val Lys Val Leu Gly Ala Asp Gly Ser Gly Gln Tyr Ser 85 90 95

Trp Ile Ile Asn Gly Ile Glu Trp Ala Ile Ala Asn Asn Met Asp Val 100 105 110

Ile Asn Met Ser Leu Gly Gly Pro Ser Gly Ser Ala Ala Leu Lys Ala 115 120 125

Ala Val Asp Lys Ala Val Ala Ser Gly Val Val Val Ala Ala Ala 130 140

Gly Asn Glu Gly Thr Ser Gly Ser Ser Ser Thr Val Gly Tyr Pro Gly 145 150 155 160

Lys Tyr Pro Ser Val Ile Ala Val Gly Ala Val Asp Ser Ser Asn Gln 165 170 175

Arg Ala Ser Phe Ser Ser Val Gly Pro Glu Leu Asp Val Met Ala Pro 180 185 190

Gly Val Ser Ile Cys Ser Thr Leu Pro Gly Asn Lys Tyr Gly Ala Lys 195 200 205

Ser Gly Thr Ser Met Ala Ser Pro His Val Ala Gly Ala Ala Ala Leu 210 215 220

Ile Leu Ser Lys His Pro Asn Trp Thr Asn Thr Gln Val Arg Ser Ser 225 230 235 240

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